

## Resource Action Identification Form

1. **Name of Proposed Resource Action:** Modify wildlife habitat management program in areas with significant cultural resource values
2. **Proposed Resource Action – Please describe and include the following:**
  - a. Describe the proposed Resource Action in as much detail as practical: This proposal could involve several actions to modify the wildlife (including fisheries) habitat management program. First, no new artificial habitat or habitat enhancement actions would occur in areas with significant cultural resource values. Second, existing artificial habitat (e.g., rocks, tires, anchored logs, trees) placed in sensitive cultural resource areas would be removed. These program modifications would avoid or reduce adverse effects on significant cultural resource values.
  - b. Any physical or operational changes:  
☒ Yes      ☐ No      ☐ Unknown  
If “yes,” please explain: Modifying the artificial wildlife habitat management program would involve some relatively minor physical changes to remove existing materials from sensitive site locations. No changes to the hydroelectric or water supply operations are proposed, but the wildlife management program would be affected as a result of this proposal.
  - c. Proposed start date and duration  
Start design: N/A (assuming modification of the existing fishery habitat enhancement program would not involve substantially new design)  
Start construction/implementation: February 2007 (or sooner, since this is a discretionary item)  
Duration: Life of new license (long-term operational change)
  - d. Location (within FERC boundary/outside FERC boundary)  
☒ Inside      ☐ Outside      ☐ Unknown  
Please specify possible location(s) referring to the linked map (<http://orovillereicensing.water.ca.gov/maps.html>), or providing a map as appropriate: Various locations within the boundary of Project 2100 – specific locations have not been identified pending results of site evaluations and more precise assessment of on-going impacts.
  - e. Please provide alternative potential Resource Actions for addressing the same resource goal and/or Project 2100 effects referring to the linked map, or providing a map as appropriate: The proposed resource action anticipates several alternatives to modifying the existing wildlife and fishery habitat enhancement/management

program. Lacking details of where physical modifications would be necessary, detailed alternatives to address the same objective are unknown. Generally speaking, however, if impacts to significant cultural resources cannot be avoided or minimized through a modification of the wildlife management program, or by physically covering significant deposits, data recovery through intensive documentation and/or excavation of significant site values that cannot be protected would help resolve this adverse effect.

☐ unknown

- f. Describe the methods for measuring the goals and performance of the Resource Action or methods for evaluating success against the known resource goal(s): Once significant site values being adversely affected by the wildlife/fishery habitat enhancement/management program are identified, a detailed program for protecting those values through modification of these activities would be defined and implemented. Success of this resource action is expected to rely on the removal of existing artificial habitat at specific locations and the avoidance of direct physical impacts to significant cultural resource values. Consequently, success of this resource action should be relatively easy to measure. Monitoring would be needed to ensure adequate protection of significant cultural resources over time.

☐ unknown

- g. Describe the feasibility of the Resource Action: Modifications to aspects of the wildlife habitat management program that adversely affect significant cultural resources may be relatively easy to implement, depending on the nature and extent of significant cultural resource deposits and operational flexibility. However, if extensive areas containing significant cultural resource values are being adversely affected in spite of this program, alternatives to protect those values (e.g., data recovery, extensive modifications to the operation) would be more difficult and costly to implement.

☐ unknown

- h. Please mark the applicable Working Groups that would be involved in the implementation of this Resource Action:
- ☒ Land Use and Management
  - ☐ Recreation & Socioeconomics
  - ☒ Cultural Resources
  - ☐ Engineering and Operations
  - ☒ Environmental

**3. Contact Information for Submitter(s) & Alternate Contact:**

- a. Organization name: Cultural Resources Work Group
- b. Preparer's name, phone number and e-mail address: Steve Heipel, (916) 414-5800, heipels@edaw.com
- c. Secondary contact person, phone number and e-mail address: Janis Offermann, (916) 445-6478, janiso@water.ca.gov
- d. Date prepared: October 10, 2003
- e. Organization(s) represented by submitter: CRWG

**4. Resource Goals:**

- a. Identify and describe the resource goal the Resource Action is related to, providing reference to the resource goal number(s) described, as appropriate: This Resource Action addresses a number of Cultural Resource goals oriented toward the desire to protect cultural resources in the Project 2100 area. Specific Resource Goals include:

CR02.01 – Evaluate the need (i.e., project effect, significance of resource) and methods to provide protection of cultural resources;

CR02.02 – Emphasize protection of all significant cultural resource values within the APE (including those that lie beneath the reservoir);

CR02.03 – Develop special protective measures for “high-risk” situations (e.g., sites exposed to potential damage during reservoir drawdowns or through recreational activities).

☐ unknown

- b. Explanation of how the Resource Action furthers that goal: Modifying the wildlife habitat management operations in areas containing significant cultural resource values would allow for protection of site values. Current uncertainties are the lack of specificity on the type, nature, and extent of adverse effects to significant cultural resource values from the habitat enhancement/management program. Completion of the cultural resources evaluation study plan and a detailed analysis of ongoing impacts are needed to resolve these issues.

☐ unknown

**5. Identify the Resource Issue/Relationship to Project and Relicensing**

- a. Describe the issue the Resource Action is intended to address, referring as appropriate to Issue Statement(s) number(s): This Resource Action is intended to address several Cultural Resources Issue Statements related to the protection of significant resource values. Specific Issue Statement numbers include CRE1, CRE9, CRE22, CRE37, and CRE59.

☐ unknown

- b. Describe the relationship between the Resource Action and the project, including any project impacts the Resource Action is intended to address: The placement and maintenance of artificial habitat for fisheries and habitat management for other wildlife species within the project boundary is occurring in some areas where potentially significant cultural resources exist. This activity is damaging cultural resource values. By modifying or discontinuing this project-related activity in areas containing significant cultural resource values, this impact would be avoided or minimized.

☐ unknown

- c. Identify any comprehensive plans that this Resource Action is related to: Comprehensive Statewide Historic Preservation Plan for California (Office of Historic Preservation 1997, with update for 2000-2005)

☐ unknown